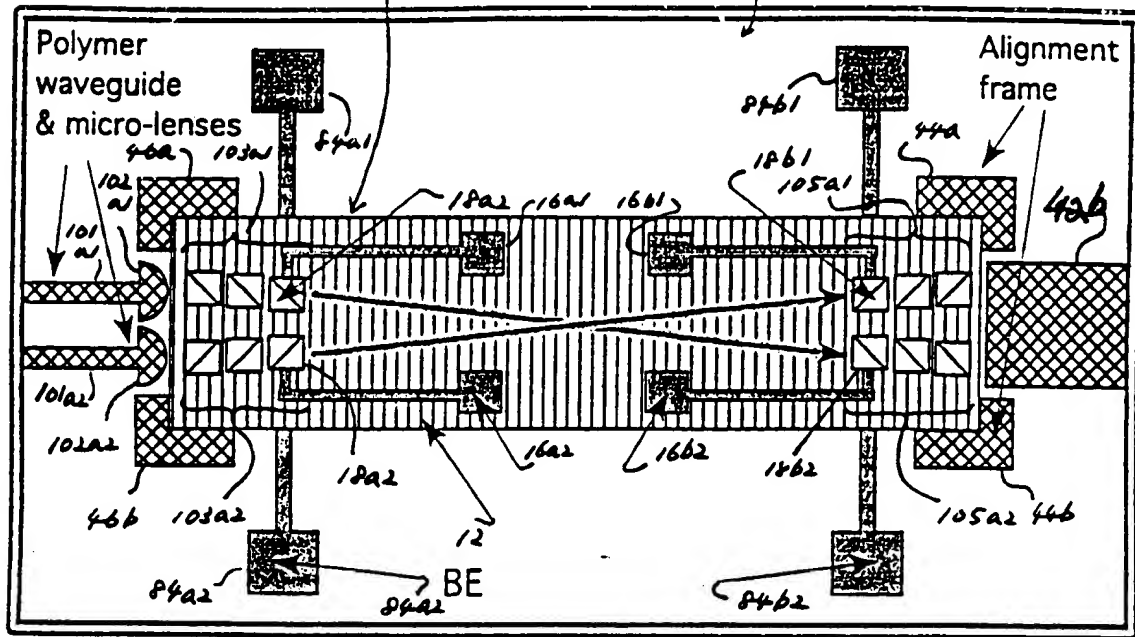


(A)



(B)

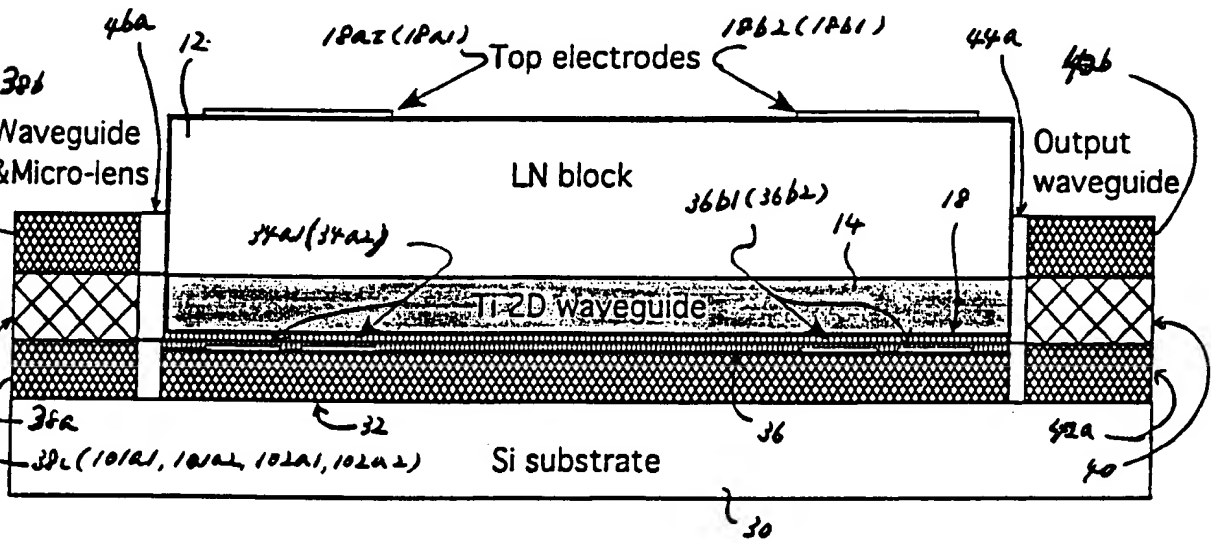


Figure 1 Schematic presentation of the integrated (2x2) cross-connect optical switch.

TOP SECRET

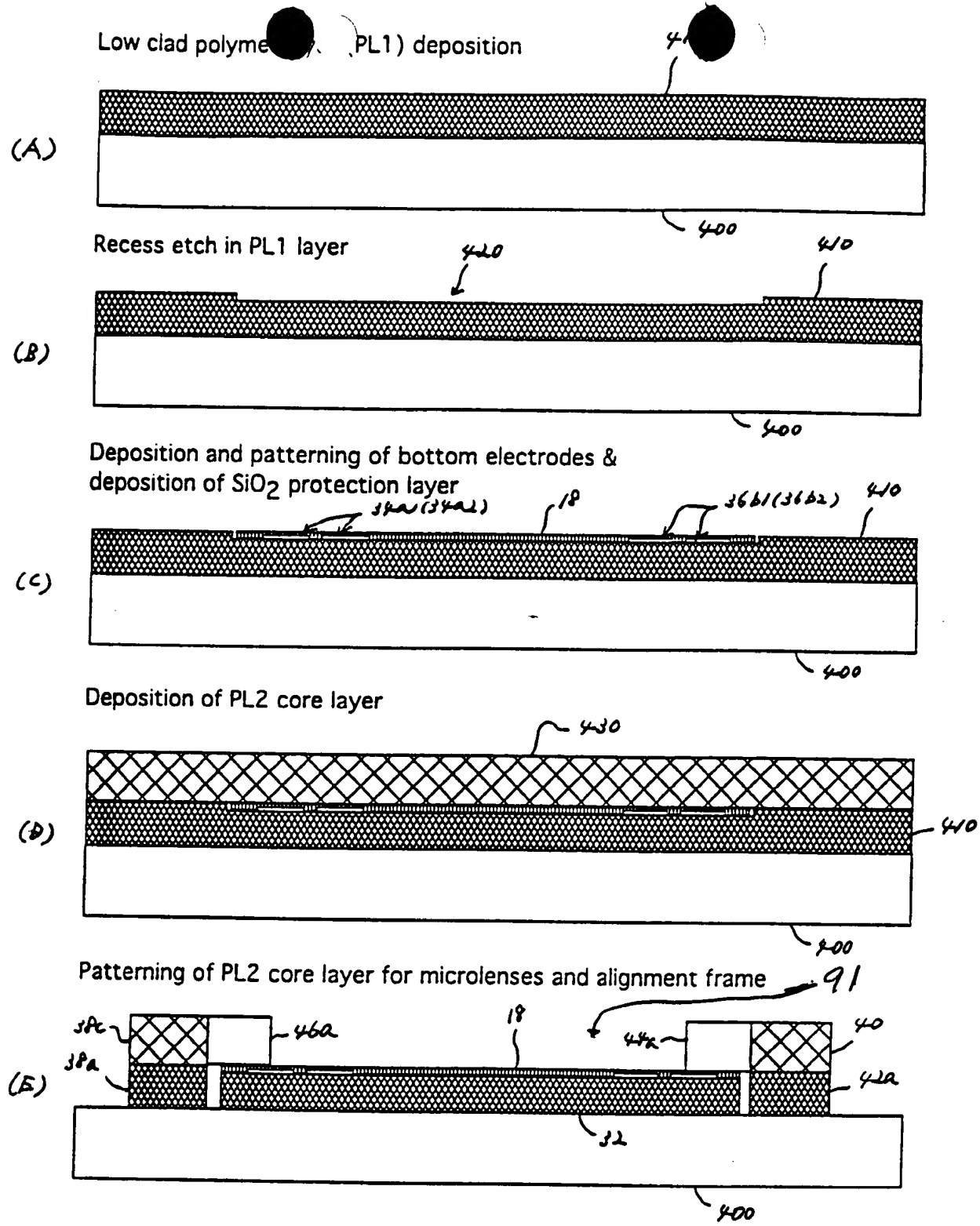


Figure 2 Process flow for fabrication of a substrate on which the deflecting device is mounted.

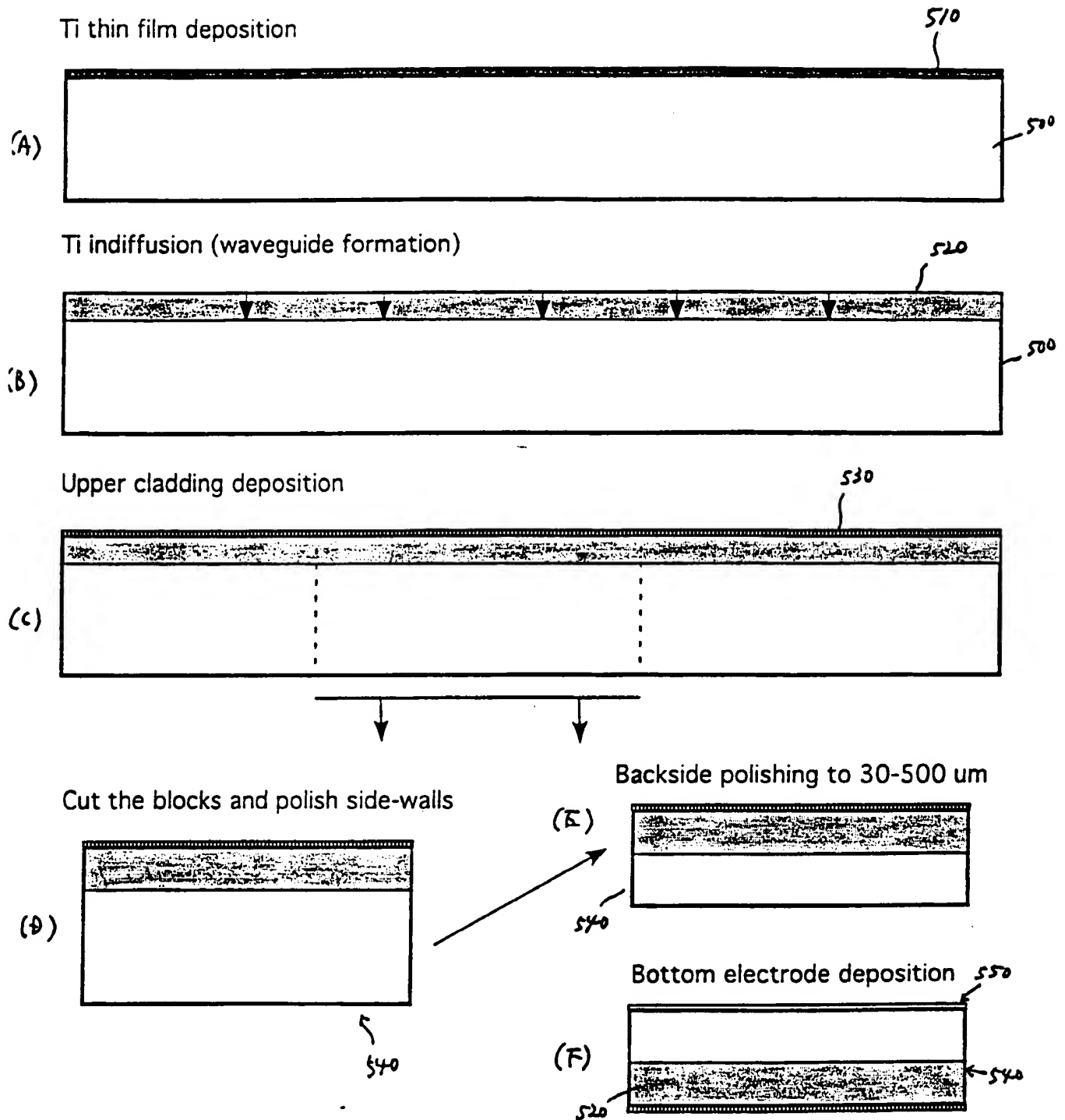


Figure 3 Process flow for Step 1 in the optical switching device fabrication. Step 1 is for the fabrication of the deflecting device from LNO.

FIG. 4

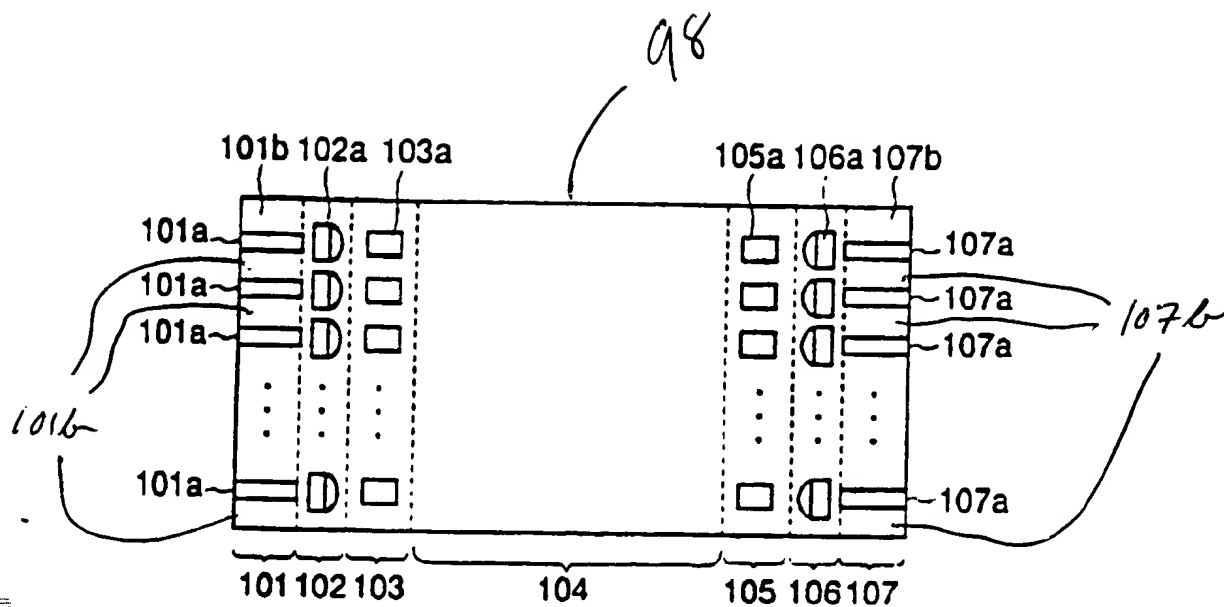


Fig. 4 Optical Switch Module

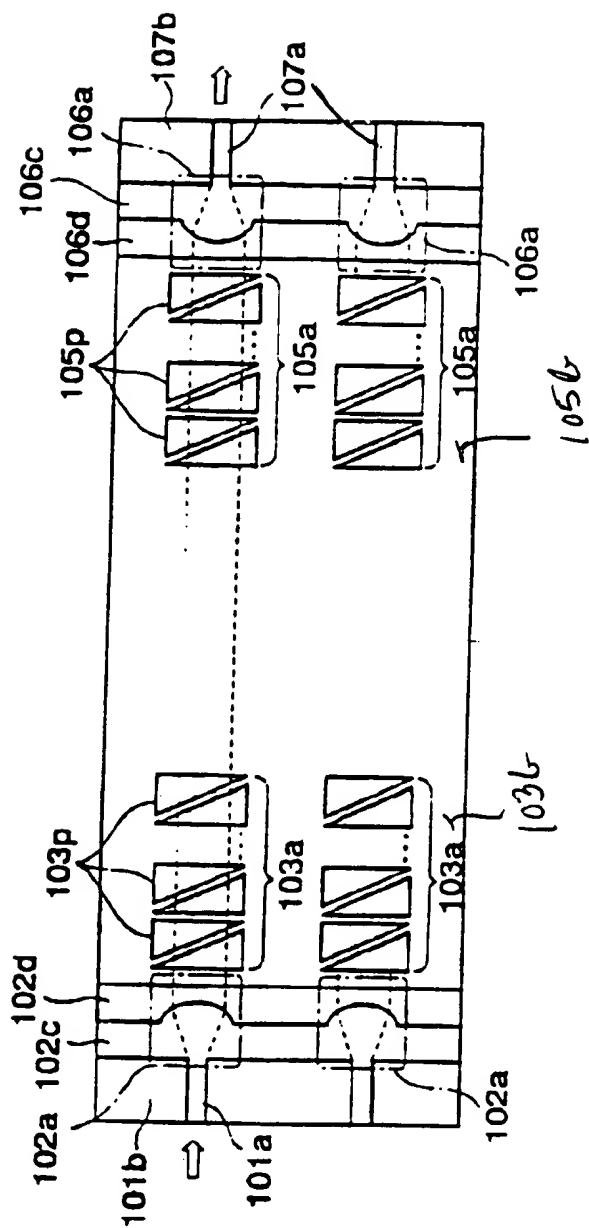


Fig. 5

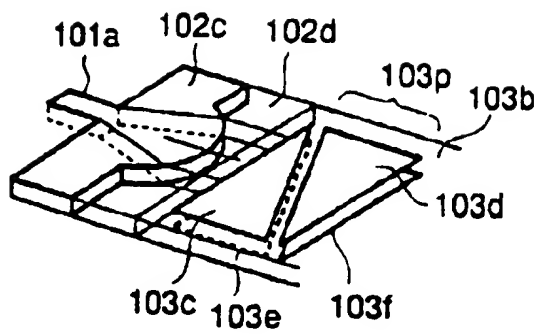


Fig. 6

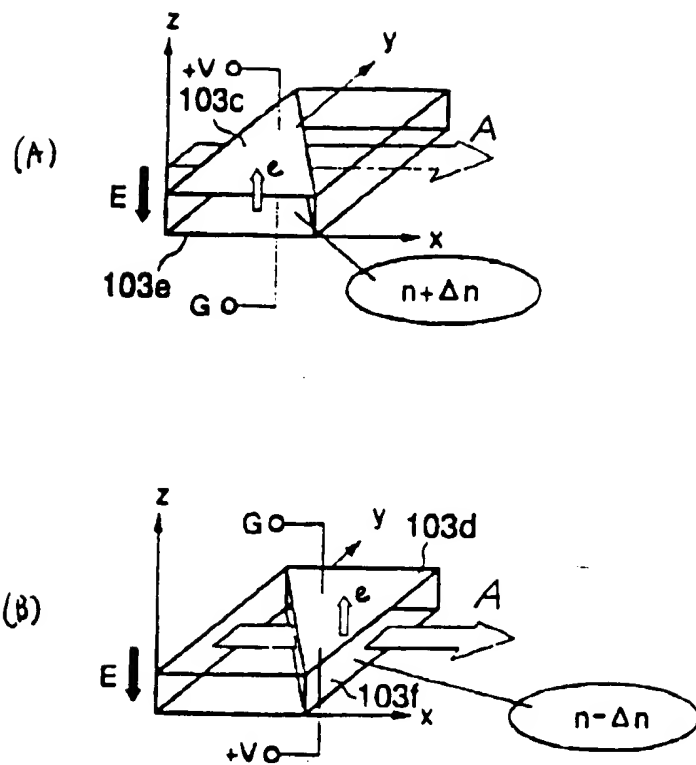
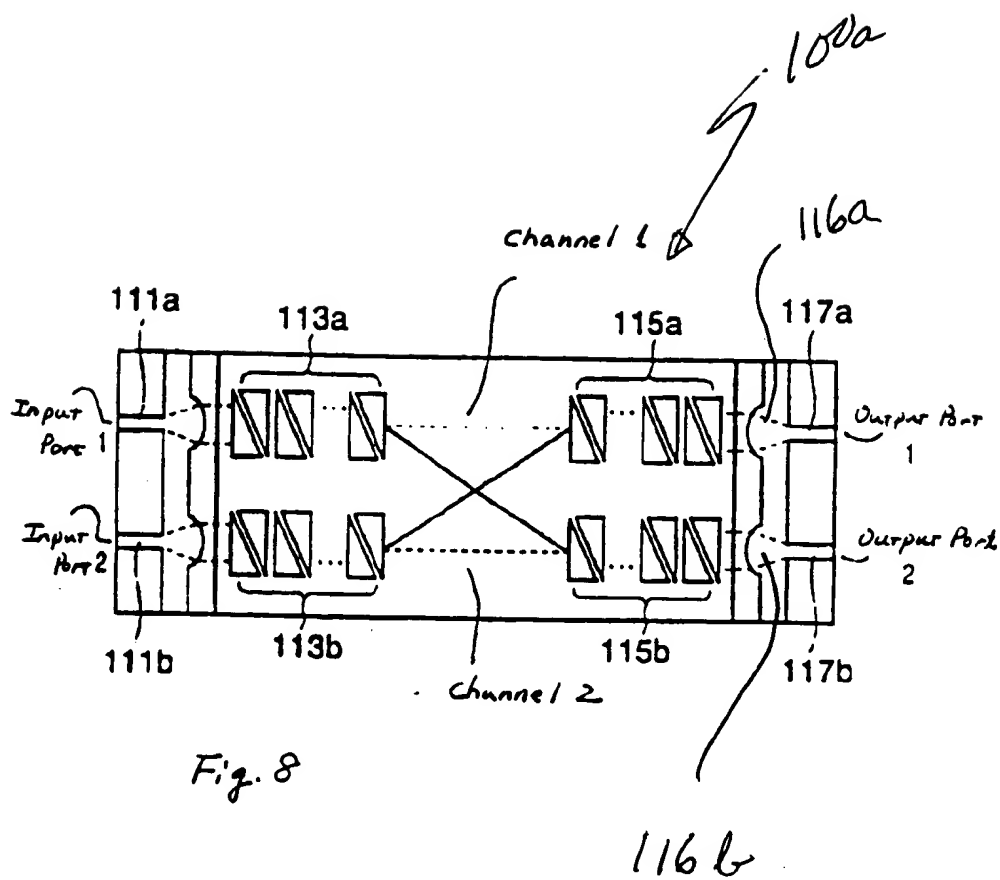


Fig. 7



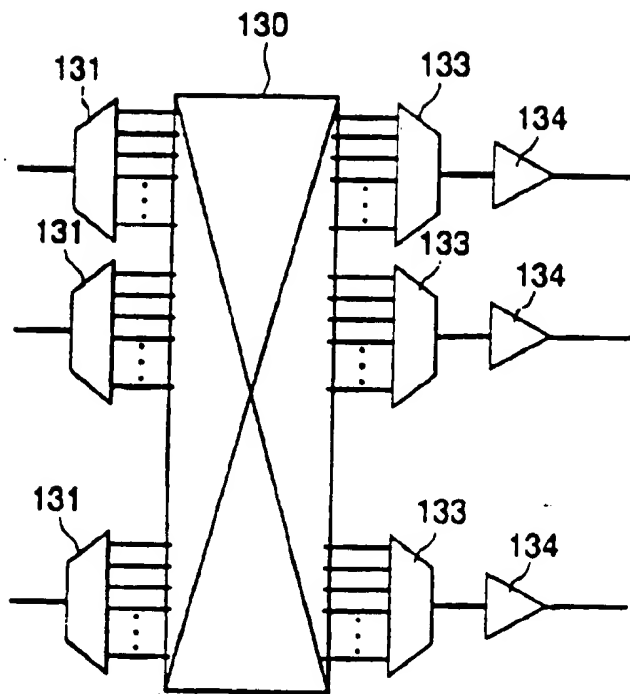


Fig. 10

Figure 1 consists of 12 subplots, labeled (a) through (l), each representing a different fish species. The y-axis for all subplots is 'Percentage of total catch' ranging from 0 to 100. The x-axis for all subplots is 'Year' ranging from 1950 to 1990. The species and their corresponding data series are: (a) Atlantic croaker, (b) Atlantic menhaden, (c) Atlantic bluefish, (d) Atlantic herring, (e) Atlantic silverside, (f) Atlantic tomcod, (g) Atlantic whitefish, (h) Atlantic yellow perch, (i) Atlantic rockfish, (j) Atlantic sea bass, (k) Atlantic striped bass, and (l) Atlantic blue crab. Each subplot shows the percentage of total catch for that species across the years 1950 to 1990. The data is presented as a series of bars for each year, with the height of the bar indicating the percentage of total catch.

